



# MIAMI BEACH

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CITY CLERK'S OFFICE

OFFICE OF THE CITY MANAGER

NO. LTC # 275-2007

## LETTER TO COMMISSION

TO: Mayor Matti Herrera Bower and Members of the City Commission

FROM: Jorge M. Gonzalez, City Manager

DATE: December 7, 2007

SUBJECT: Normandy Shores Golf Course Pesticide Application

The purpose of this LTC is to provide the Mayor and City Commission with an update on the results of a Florida Department of Agriculture and Consumer Services investigation that was initiated as a result of an allegation of pesticide exposure, by a Normandy Shores neighborhood resident, during the on-going construction of the Normandy Shores Golf Course (NSGC).

Following an Invitation-to-Bid (ITB) and contractor evaluation and selection process, construction of the NSGC was awarded to the top-ranked firm of QGS Development Inc., a contractor with extensive golf course construction experience. A construction notice to proceed was issued to QGS on May 17, 2007 and construction of the NSGC proceeded. The contractor's scope of work included: the eradication of existing turf using herbicide applications as defined on the architect's turf eradication plan; removal of invasive tree and shrub vegetation identified on the tree removal plan; removal of existing golf cart paths and installation of a new cart path; renovation of 18 tee complexes and practice range tee; renovation of 19 greens, including practice putting green; installation of various golf course drainage systems, including drainage wells and enlargement of lake areas for storage; installation of a new irrigation pump station, including pump house structure, and irrigation system; and sprigging of Paspalum grass for all areas where existing turf was eradicated.

The investigation by the Florida Department of Agriculture was initiated on August 1, 2007 and the final report received by the Capital Improvement Projects Office the week of December 2, 2007. Following a thorough investigation, including sampling and testing, the final determination by the State agency was that no violations could be identified and the case was closed. Attached for reference are copies of the letter from the Florida Department of Agriculture's Environmental Manager, which is self-explanatory, and the accompanying Pesticide Analysis Report.

Should you have any questions or need additional information, please do not hesitate to contact me.

JMG/DM/JEC

Attachments

F:\CAP\I\all\CANO\NSGC Pesticide Application LTC.doc



Florida Department of Agriculture and Consumer Services  
CHARLES H. BRONSON, Commissioner  
The Capitol • Tallahassee, FL 32399-0800  
www.doacs.state.fl.us

Please Respond to:

Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bldg. 8, L-29  
Tallahassee, FL 32399-1650  
(850) 488-5872

November 26, 2007

City of Miami Beach  
Attn: Mr. Humberto Cabanas  
1700 Convention Center Drive  
Miami Beach, Florida 33139

Dear Mr. Cabanas:

On August 1, 2007, the Department of Agriculture and Consumer Services ("Department") initiated an investigation in response to a report from Ms. Rebecca Kohn, of an alleged pesticide exposure. The report indicated that the Normandy Shores Golf Course had applied a pesticide in which the active ingredient was believed to be 2, 4-D and that her family was having ill health effects from the exposure. During this investigation, additional allegations were received from Ms. Rebecca Kohn regarding pesticide activities at Normandy Shores Golf Course. Ms. Kohn alleged that the applicators did not wear required personal protective equipment, that landscape workers did not wear personal protective equipment while working in the treated areas, that the pesticide tank was improperly stored, that the boom height on the application equipment was greater than specified by the label, that there was no water available for decontamination, that the firm operated pesticide application equipment in a dangerous manner and that there was an overall decrease in wildlife activity in the immediate area. It was also alleged that applicators used the pesticide paraquat and that some of the product had spilled by a trailer across the street from a children's playground leaving a blue residue.

During the investigation, the Department documented the use of the following pesticides:

1. **"Fusilade II Turf and Ornamental Herbicide,"**  
EPA Reg. No. 100-1084, Sample Number 080707 4088 0101.
2. **"Nufarm Credit Systemic Extra Herbicide,"**  
EPA Reg. No. 71368-20, Sample Number 080707 4088 0102.
3. **"Roundup Pro Herbicide,"**  
EPA Reg. No. 524-475, Sample Number 090607 4105 0101.



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**Florida Agriculture and Forest Products**  
\$97 Billion for Florida's Economy

City of Miami Beach  
November 26, 2007  
Page Two

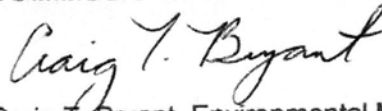
The Department also collected twenty-one physical samples, seventeen samples from the Kohn's property and four samples from Normandy Shores Golf Course. The enclosed Pesticide Analysis Reports regarding the samples from the Kohn's property indicate that no pesticides were detected. However, two of the samples taken from the Normandy Shores Golf Course indicate the presence of glyphosate and aminomethyl phosphoric acid, the active ingredients in **Nufarm Credit Systemic Extra Herbicide** and **Roundup Pro Herbicide**. It was determined that the area in which the positive samples were collected was treated by Mr. Maurice S. Greenwood, Farm Manager and licensed applicator with Quality Turf, L.C., with **Nufarm Credit Systemic Extra Herbicide**, **Roundup Pro Herbicide** and **Fusilade II Turf and Ornamental Herbicide** in preparation for the construction of a golf cart garage. Therefore, the allegation of pesticide drift could not be confirmed.

During the investigation, Mr. Greenwood indicated that some blue marker dye was spilled near the trailers; however, no pesticides were spilled. It was noted that Quality Turf, L.C. does not use any products containing paraquat and the analysis results of the eight vegetation samples did not indicate the presence of paraquat. In addition, we were unable to obtain medical records regarding the ill health effects suffered by members of the Kohn family that would indicate a direct causal effect from pesticide exposure.

After a complete review of the case file regarding this investigation, no violations were identified and the cause of the Kohn family's ill health effects was inconclusive. Enclosed, per your request, is a copy of the entire case file on compact disk. The Department appreciates your cooperation during the investigation. If you have any questions regarding this matter, please feel free to contact me at (850) 488-5872.

Sincerely,

CHARLES H. BRONSON  
COMMISSIONER OF AGRICULTURE



Craig T. Bryant, Environmental Manager  
Pesticide Compliance Section

CTB/kaf  
Enclosures

cc: Mr. Bruce A. Nicely  
Ms. Patty A. Lucas  
Mr. Neil D. Richmond  
Ms. Vivian Martinez  
Mr. Rafael A. Llorente  
File: Normandy Shores Golf Course File No.: 107-227-4088 KAF & 107-245-4105 KAF



State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

**Report Date:** 9/14/2007

**Laboratory Sample ID:** PL07402

**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0112	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample into a 8oz. glass container from a window close to north east corner of the house, located at the north side of the house (back side of the house) . top left glass of the window.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

---

*This cover sheet is an integral part of the analytical report that follows.*

---



## **Pesticide Laboratory**

### **REPORT OF ANALYSIS**

**To:** Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

**Report Date:** 9/14/2007

**EPA Sample No:** 083107-4105-0112  
**Sample Matrix:** SWAB

**Date Received:** 09/05/07  
**Date Collected:** 08/31/07

**Sample Description:** Swab sample into a 8oz.glass container from a window close to north east corner of the house, located at the north side of the house (back side of the house) , top left glass of the window.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA. procedures.

### **Analytical Results**

EPA_SAMPLE_NUMBER		083107-4105-0112		
Analyte	Result	Analysis_Unit	Analyte_MDL	Qualifier
Glyphosate & AMPA in Swab by LC/Fluores	---	ug	---	---
Aminomethyl phosphonic acid	Not detected			
Glyphosate	Not detected			

### **Comments:**

See attached page for report qualifier definitions if applicable



P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
Consumer Services (850) 488-9375



State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

**Report Date:** 9/14/2007

**Laboratory Sample ID:** PL07401  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0111	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample into a 8oz. glass container of the window close to north east corner of the house, located at the east side of the house, top right glass of the window.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

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# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

Report Date: 9/14/2007

EPA Sample No: 083107-4105-0111  
Sample Matrix: SWAB

Date Received: 09/05/07  
Date Collected: 08/31/07

**Sample Description:** Swab sample into a 8oz.glass container of the window close to north east corner of the house, located at the east side of the house, top right glass of the window.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0111			
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier	
Fluazifop-P-butyl	Not detected	ug	---	---	
Fluazifop-P-butyl					

### **Comments:**

See attached page for report qualifier definitions if applicable



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Florida Department of Agriculture and  
Consumer Services (850) 488-9375



State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

**Report Date:** 9/14/2007

**Laboratory Sample ID:** PL07403  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0113  <b>Compliance File Number:</b> 107-245-4105  <b>Compliance File Name:</b> Normandy Shores Golf Course	<b>This sample was received by our lab:</b>  <b>Sample Description:</b> Swab sample into a 8oz. glass container from the window of a door close to the north east corner of the house, located at the north side of the house (back side) top glass window.  <b>Date Sample Taken:</b> 08/31/07  <b>Submit Date:</b> 09/05/07
---	---

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

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## **Pesticide Laboratory REPORT OF ANALYSIS**

**To:** Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, Fl. 32399-1650

**Report Date:** 9/14/2007

**EPA Sample No:** 083107-4105-0113  
**Sample Matrix:** SWAB

**Date Received:** 09/05/07  
**Date Collected:** 08/31/07

**Sample Description:** Swab sample into a 8oz. glass container from the window of a door close to the north east corner of the house, located at the north side of the house (back side) top glass window.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

### **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0113		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ug	---	---
Fluazifop-P-butyl				

### **Comments:**

See attached page for report qualifier definitions if applicable



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Florida Department of Agriculture and  
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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

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**PESTICIDE ANALYSIS REPORT**

Report Date: 9/14/2007

Laboratory Sample ID: PL07400  
Customer ID: BCM

<b>EPA Sample Number:</b> 083107-4105-0110	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample into a 8oz glass container of midle's window of the east side of the house,top glass window
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

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**To:** Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

**Report Date:** 9/14/2007

**EPA Sample No:** 083107-4105-0110  
**Sample Matrix:** SWAB

**Date Received:** 09/05/07  
**Date Collected:** 08/31/07

**Sample Description:** Swab sample into a 8oz.glass container of midle's window of the east side of the house,top glass window

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0110		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Glyphosate & AMPA in Swab by LC/Fluores	---	ug	---	---
Aminomethyl phosphonic acid	Not detected			
Glyphosate	Not detected			

### **Comments:**

See attached page for report qualifier definitions if applicable

*Patricia A. Lucas*

P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
Consumer Services (850) 488-9375





State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

Report Date: 9/14/2007

Laboratory Sample ID: PL07399  
Customer ID: BCM

<b>EPA Sample Number:</b> 083107-4105-0109	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample into a 8oz. container of the window close to the southeast corner of the house, located at the east side of the house, top left glass window.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

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## **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, Fl. 32399-1650

Report Date: 9/14/2007

EPA Sample No: 083107-4105-0109  
Sample Matrix: SWAB

Date Received: 09/05/07  
Date Collected: 08/31/07

**Sample Description:** Swab sample into a 8oz. container of the window close to the southeast corner of the house, located at the east side of the house, top left glass window.

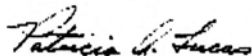
This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

### **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0109		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ug	---	---
Fluazifop-P-butyl				

### **Comments:**

See attached page for report qualifier definitions if applicable



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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

**Report Date:** 9/14/2007

**Laboratory Sample ID:** PL07398  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0108	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample into a 8 oz. glass container of the windows close to NW corner of the house at the west side of the house, left glass of the window.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

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## **Pesticide Laboratory REPORT OF ANALYSIS**

**To:** Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

**Report Date:** 9/14/2007

**EPA Sample No:** 083107-4105-0108  
**Sample Matrix:** SWAB

**Date Received:** 09/05/07  
**Date Collected:** 08/31/07

**Sample Description:** Swab sample into a 8 oz.glass container of the windows close to NW corner of the house at the west side of the house, left glass of the window.

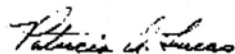
This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

### **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0108		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Glyphosate & AMPA in Swab by LC/Fluores	---	ug	---	---
Aminomethyl phosphonic acid	Not detected			
Glyphosate	Not detected			

#### **Comments:**

See attached page for report qualifier definitions if applicable



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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

Report Date: 9/14/2007

Laboratory Sample ID: PL07397  
Customer ID: BCM

<b>EPA Sample Number:</b> 083107-4105-0107	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample of the kitchen window located at the west side of the house, top window's glass.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

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# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, Fl. 32399-1650

Report Date: 9/14/2007

EPA Sample No: 083107-4105-0107  
Sample Matrix: SWAB

Date Received: 09/05/07  
Date Collected: 08/31/07

**Sample Description:** Swab sample of the kitchen window located at the west side of the house, top window's glass.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0107		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ug	---	---
Fluazifop-P-butyl				

### **Comments:**

See attached page for report qualifier definitions if applicable

*Patricia A. Lucas*

P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

Report Date: 9/14/2007

Laboratory Sample ID: PL07396  
Customer ID: BCM

<b>EPA Sample Number:</b> 083107-4105-0106	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample of a window located in front of the house close to the south west corner of the house, top left glass of window.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

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## **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard , Bld.8  
Tallahassee, FL 32399-1650

Report Date: 9/14/2007

EPA Sample No: 083107-4105-0106  
Sample Matrix: SWAB

Date Received: 09/05/07  
Date Collected: 08/31/07

**Sample Description:** Swab sample of a window located in front of the house close to the south west corner of the house, top left glass of window.

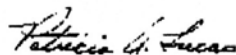
This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

### **Analytical Results**

EPA_SAMPLE_NUMBER		083107-4105-0106		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Glyphosate & AMPA in Swab by LC/Fluores	---	ug	---	---
Aminomethyl phosphonic acid	Not detected			
Glyphosate	Not detected			

### **Comments:**

See attached page for report qualifier definitions if applicable



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Florida Department of Agriculture and  
Consumer Services (850) 488-9375



State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

Report Date: 9/14/2007

Laboratory Sample ID: PL07395  
Customer ID: BCM

<b>EPA Sample Number:</b> 083107-4105-0105	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample of a window located in front of the house close to the south east corner of the house, top center glass of the window.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

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# **Pesticide Laboratory** **REPORT OF ANALYSIS**

**To:** Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

**Report Date:** 9/14/2007

**EPA Sample No:** 083107-4105-0105  
**Sample Matrix:** SWAB

**Date Received:** 09/05/07  
**Date Collected:** 08/31/07

**Sample Description:** Swab sample of a window located in front of the house close to the south east corner of the house, top center glass of the window.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0105		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ug	---	---
Fluazifop-P-butyl				

### **Comments:**

See attached page for report qualifier definitions if applicable

*Patricia L. Lucas*

P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
Consumer Services (850) 488-9375



State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**AMENDED**  
**PESTICIDE ANALYSIS REPORT**

**Report Date:** 10/23/2007

**Laboratory Sample ID:** PL07394  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0104	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> 2lb. of vegetation sample into an aluminum foil sampling bag of a Lichy Tree located at front of the house 11' away from house door and 26' from the street.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

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*This cover sheet is an integral part of the analytical report that follows.*

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# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld. 8  
Tallahassee, FL 32399-1650

Report Date: 10/23/2007

EPA Sample No: 083107-4105-0104  
Sample Matrix: VEGETATION

Date Received: 09/05/07  
Date Collected: 08/31/07

Sample Description: 2lb. of vegetation sample into an aluminum foil sampling bag of a Lichy Tree located at front of the house 11' away from house door and 26' from the street.

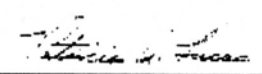
This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0104		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	pph	700	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Vegetation by LC/PI	---	mg/Kg	---	---
Aminomethyl phosphoric acid	Not detected		0.20	
Glyphosate	Not detected		0.20	
Parquat & Diquat in Veg by LC/PDA	---	ug/Kg	---	---
Diquat Dibromide	Not detected		200	
Paraquat Dichloride	Not detected		200	

### **Comments:**

See attached page for report qualifier definitions if applicable

  
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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**AMENDED**  
**PESTICIDE ANALYSIS REPORT**

**Report Date:** 10/23/2007

**Laboratory Sample ID:** PL07393

**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0103	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> 2lb. of vegetation sample into a Aluminium Foil sampling bag of A Saporilla Tree located in front of Mr. KHON'S property. 29' away from house door and 8' away from the street.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

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*This cover sheet is an integral part of the analytical report that follows.*

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# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

Report Date: 10/23/2007

EPA Sample No: 083107-4105-0103  
Sample Matrix: VEGETATION

Date Received: 09/05/07  
Date Collected: 08/31/07

Sample Description: 2lb. of vegetation sample into a Aluminium Foil sampling bag of A Saporilla Tree located in front of Mr. KHON'S property, 29' away from house door and 8' away from the street.

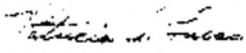
This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0103		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	700	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Vegetation by LC/PI	---	mg/Kg	---	---
Aminomethyl phosphoric acid	Not detected		0.20	
Glyphosate	Not detected		0.20	
Paraquat & Diquat in Veg by LC/PDA		ug/Kg		
Diquat Dibromide	Not detected		200	
Paraquat Dichloride	Not detected		200	

### **Comments:**

See attached page for report qualifier definitions if applicable

  
P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

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Commissioner

**PESTICIDE ANALYSIS REPORT**

Report Date: 9/14/2007

Laboratory Sample ID: PL07392  
Customer ID: BCM

<b>EPA Sample Number:</b> 083107-4105-0102	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Analyte Free Water Sample into a 32oz. glass container
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

---

*This cover sheet is an integral part of the analytical report that follows.*

---

# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

Report Date: 9/14/2007

EPA Sample No: 083107-4105-0102  
Sample Matrix: WATER

Date Received: 09/05/07  
Date Collected: 08/31/07

Sample Description: Analyte Free Water Sample into a 32oz. glass container

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0102		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	8.0	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Water by LC/Fluores	---	mg/L	---	---
Aminomethyl phosphonic acid	Not detected		0.05	
Glyphosate	Not detected		0.05	

### **Comments:**

See attached page for report qualifier definitions if applicable

*P.A. Lucas*

P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
Consumer Services (850) 488-9375



State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
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**PESTICIDE ANALYSIS REPORT**

**Report Date:** 9/14/2007

**Laboratory Sample ID:** PL07391

**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0101	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab Sample Equipment Blank into a 8oz.glass container
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

---

*This cover sheet is an integral part of the analytical report that follows.*

---

# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, Fl. 32399-1650

Report Date: 9/14/2007

EPA Sample No: 083107-4105-0101  
Sample Matrix: SWAB

Date Received: 09/05/07  
Date Collected: 08/31/07

Sample Description: Swab Sample Equipment Blank into a 8oz.glass container

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0101		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ug	---	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Swab by LC/Fluores	---	ug	---	---
Aminomethyl phosphonic acid	Not detected			
Glyphosate	Not detected			

### **Comments:**

See attached page for report qualifier definitions if applicable

*Patricia A. Lucas*

P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
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**State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida**

Charles H. Bronson  
Commissioner

**PESTICIDE ANALYSIS REPORT**

**Report Date:** 9/14/2007

**Laboratory Sample ID:** PL07404

**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0114	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Swab sample into a 8oz. glass container from a sliding door of the north side of the house (back side) the first from East to West. Left glass of the sliding door.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

---

*This cover sheet is an integral part of the analytical report that follows.*

---

# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

Report Date: 9/14/2007

EPA Sample No: 083107-4105-0114  
Sample Matrix: SWAB

Date Received: 09/05/07  
Date Collected: 08/31/07

**Sample Description:** Swab sample into a 8oz. glass container from a sliding door of the north side of the house (back side) the first from East to West, Left glass of the sliding door.

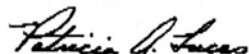
This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0114		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Glyphosate & AMPA in Swab by LC/Fluores	---	ug	---	---
Aminomethyl phosphonic acid	Not detected			
Glyphosate	Not detected			

### **Comments:**

See attached page for report qualifier definitions if applicable



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**AMENDED**  
**PESTICIDE ANALYSIS REPORT**

**Report Date:** 10/23/2007

**Laboratory Sample ID:** PL07405  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0115	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> 2lb. of vegetation sample of a ferns located at the south side of the swimming pool. into an aluminum foil sampling bag.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

---

*This cover sheet is an integral part of the analytical report that follows.*

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## **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld. 8  
Tallahassee, FL 32399-1650

Report Date: 10/23/2007

EPA Sample No: 083107-4105-0115  
Sample Matrix: VEGETATION

Date Received: 09/05/07  
Date Collected: 08/31/07

**Sample Description:** 2lb. of vegetation sample of a ferns located at the south side of the swimming pool.  
into an aluminum foil sampling bag.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

### **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0115		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	700	—
Fluazifop-P-butyl				
Glyphosate & AMPA in Vegetation by LC/RI		mg/Kg	—	---
Aminomethyl phosphoric acid	Not detected		0.20	
Glyphosate	Not detected		0.20	
Parquat & Diquat in Veg by LC/PDA		ug/Kg	—	---
Diquat Dibromide	Not detected		200	
Paraquat Dichloride	Not detected		200	

### **Comments:**

See attached page for report qualifier definitions if applicable

*P.A. Lucas*  
P.A. Lucas, Division of AES  
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Tallahassee, Florida

Charles H. Bronson  
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**AMENDED**  
**PESTICIDE ANALYSIS REPORT**

**Report Date:** 10/23/2007

**Laboratory Sample ID:** PL07406  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0116 <b>Compliance File Number:</b> 107-245-4105 <b>Compliance File Name:</b> Normandy Shores Golf Course	<b>This sample was received by our lab:</b>  <b>Sample Description:</b> 2lb. of vegetation sample into an aluminum foil sampling bag of arecas located on the back yard of the house close to the fence and the NW of the house.  <b>Date Sample Taken:</b> 08/31/07  <b>Submit Date:</b> 09/05/07
---	--

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

---

*This cover sheet is an integral part of the analytical report that follows.*

---

# Pesticide Laboratory REPORT OF ANALYSIS

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, Fl. 32399-1650

Report Date: 10/23/2007

EPA Sample No: 083107-4105-0116  
Sample Matrix: VEGETATION

Date Received: 09/05/07  
Date Collected: 08/31/07

**Sample Description:** 2lb. of vegetation sample into an aluminum foil sampling bag of arecas located on the back yard of the house close to the fence and the NW of the house.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## Analytical Results

EPA SAMPLE NUMBER		083107-4105-0116		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	700	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Vegetation by LC/FL		mg/Kg	---	---
Aminomethyl phosphoric acid	Not detected		0.20	
Glyphosate	Not detected		0.20	
Parquat & Diquat in Veg by LC/PDA		ug/Kg		
Diquat Dibromide	Not detected		200	
Paraquat Dichloride	Not detected		200	

### Comments:

See attached page for report qualifier definitions if applicable

*P.A. Lucas*  
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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

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**PESTICIDE ANALYSIS REPORT**

**Report Date:** 9/14/2007

**Laboratory Sample ID:** PL07407

**Customer ID:** BCM

<b>EPA Sample Number:</b> 083107-4105-0117	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> Water sample into a 32oz. glass container of the swimming pool of Mr. Steven KOHN's property.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 08/31/07
	<b>Submit Date:</b> 09/05/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

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*This cover sheet is an integral part of the analytical report that follows.*

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## **Pesticide Laboratory** **REPORT OF ANALYSIS**

**To:** Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

**Report Date:** 9/14/2007

**EPA Sample No:** 083107-4105-0117  
**Sample Matrix:** WATER

**Date Received:** 09/05/07  
**Date Collected:** 08/31/07

**Sample Description:** Water sample into a 32oz. glass container of the swimming pool of Mr. Steven KOHN's property.

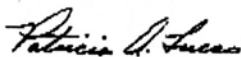
This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

### **Analytical Results**

EPA SAMPLE NUMBER		083107-4105-0117		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	8.0	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Water by LC/Fluores	---	mg/L	---	---
Aminomethyl phosphonic acid	Not detected		0.05	
Glyphosate	Not detected		0.05	

### **Comments:**

See attached page for report qualifier definitions if applicable



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Florida Department of Agriculture and  
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Department of Agriculture & Consumer Services  
Tallahassee, Florida

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Commissioner

**AMENDED**  
**PESTICIDE ANALYSIS REPORT**

**Report Date:** 10/23/2007

**Laboratory Sample ID:** PL07434  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 090507-4105-0101	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> 2 lb of vegetation sample into an aluminum foil sampling bag of grass from an island located at the west side of Briarritz Drive between the south and the north entrance of the parking lot of the tennis court located between the sea and the Briarritz Drive, west side of Normandy Shore Golf Course.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 09/05/07
	<b>Submit Date:</b> 09/10/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

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*This cover sheet is an integral part of the analytical report that follows.*

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# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

Report Date: 10/23/2007

EPA Sample No: 090507-4105-0101  
Sample Matrix: VEGETATION

Date Received: 09/10/07  
Date Collected: 09/05/07

**Sample Description:** 2 lb of vegetation sample into an aluminum foil sampling bag of grass from an island located at the west side of Biarritz Drive between the south and the north entrance of the parking lot of the tennis court located between the sea and the Briarritz Drive, west side of Normandy Shore Golf Course.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA_SAMPLE_NUMBER		090507-4105-0101		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	700	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Vegetation by LC/EL		mg/Kg	---	---
Aminomethyl phosphoric acid	Not detected		0.20	
Glyphosate	Not detected		0.20	
Parquat & Diquat in Veg by LC/PDA		ug/Kg	---	---
Diquat Dibromide	Not detected		200	
Paraquat Dichloride	Not detected		200	

### **Comments:**

See attached page for report qualifier definitions if applicable

*P.A. Lucas*  
P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**AMENDED**  
**PESTICIDE ANALYSIS REPORT**

**Report Date:** 10/23/2007

**Laboratory Sample ID:** PL07435  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 090507-4105-0102	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4101	<b>Sample Description:</b> 2 lb of vegetation sample into an aluminum foil sampling bag of grass from the green area between the East side of Biarritz Drive and the West side of the sidewalk. 9 feet away of the South entrance of Normandy Shores Golf Course at the Biarritz Drive.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 09/05/07
	<b>Submit Date:</b> 09/10/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

---

*This cover sheet is an integral part of the analytical report that follows.*

---



# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

Report Date: 10/23/2007

EPA Sample No: 090507-4105-0102  
Sample Matrix: VEGETATION

Date Received: 09/10/07  
Date Collected: 09/05/07

Sample Description: 2 lb of vegetation sample into an aluminum foil sampling bag of grass from the green area between the East side of Biarritz Drive and the West side of the sidewalk. 9' feet away of the South entrance of Normandy Shores Golf Course at the Biarritz Drive.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		090507-4105-0102		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	700	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Vegetation by LC/EL		mg/Kg	---	---
Aminomethyl phosphoric acid	Not detected		0.20	
Glyphosate	Not detected		0.20	
Parquat & Diquat in Veg by LC/PDA		ug/Kg	---	---
Diquat Dibromide	Not detected		200	
Paraquat Dichloride	Not detected		200	

### **Comments:**

See attached page for report qualifier definitions if applicable

*P.A. Lucas*  
P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
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State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**AMENDED**  
**PESTICIDE ANALYSIS REPORT**

**Report Date:** 10/23/2007

**Laboratory Sample ID:** PL07436  
**Customer ID:** BCM

<b>EPA Sample Number:</b> 090507-4105-0103	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> 2 lb of vegetation sample into an aluminum foil sampling bag of grass from 143' away of the East side of Biarritz Drive, 5' away of West side of the concrete surface and 7' away of the North side of a padmounted transformer.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 09/05/07
	<b>Submit Date:</b> 09/10/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

---

*This cover sheet is an integral part of the analytical report that follows.*

---

## **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld. 8  
Tallahassee, FL 32399-1650

Report Date: 10/23/2007

EPA Sample No: 090507-4105-0103  
Sample Matrix: VEGETATION

Date Received: 09/10/07  
Date Collected: 09/05/07

Sample Description: 2 lb of vegetation sample into an aluminum foil sampling bag of grass from 143' away of the East side of Biarritz Drive, 5' away of West side of the concrete surface and 7' away of the North side of a padmounted transformer.

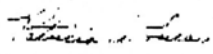
This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

### **Analytical Results**

EPA SAMPLE NUMBER		090507-4105-0103		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	700	---
Fluazifop-P-butyl				
Glyphosate & AMPA in Vegetation by LC/FL		mg/Kg		
Aminomethyl phosphoric acid	0.44		0.20	FFLJ
Glyphosate	34		0.20	FFJ
Parquat & Diquat in Veg by LC/PDA		ug/Kg		
Diquat Dibromide	Not detected		200	
Paraquat Dichloride	Not detected		200	

### **Comments:**

See attached page for report qualifier definitions if applicable

  
P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
Consumer Services (850) 488-9375



State of Florida  
Department of Agriculture & Consumer Services  
Tallahassee, Florida

Charles H. Bronson  
Commissioner

**AMENDED**  
**PESTICIDE ANALYSIS REPORT**

**Report Date:** 10/23/2007

**Laboratory Sample ID:** PL07437

**Customer ID:** BCM

<b>EPA Sample Number:</b> 090507-4105-0104	<b>This sample was received by our lab:</b>
<b>Compliance File Number:</b> 107-245-4105	<b>Sample Description:</b> 2 lb of vegetation into an aluminum foil sampling bag of grass from 13' away of the West side of a temporary black-building fence, 12' away of the East side of a concrete surface and 51' away of the property fence of the properties located at the South side of Normandy Shores Golf Course.
<b>Compliance File Name:</b> Normandy Shores Golf Course	<b>Date Sample Taken:</b> 09/05/07
	<b>Submit Date:</b> 09/10/07

*The attached report is for the sample referenced above. The sample was analyzed using standard FDACS testing procedures and quality analysis protocol. Instrument calibration and quality control are within acceptable limits of precision and accuracy.*

*A close review by our Quality Assurance Department certifies that our strict quality assurance standards were observed.*

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*This cover sheet is an integral part of the analytical report that follows.*

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# **Pesticide Laboratory** **REPORT OF ANALYSIS**

To: Bureau of Compliance Monitoring  
3125 Conner Boulevard, Bld.8  
Tallahassee, FL 32399-1650

Report Date: 10/23/2007

EPA Sample No: 090507-4105-0104  
Sample Matrix: VEGETATION

Date Received: 09/10/07  
Date Collected: 09/05/07

Sample Description: 2 lb of vegetation into an aluminum foil sampling bag of grass from 13' away of the West side of a temporary black-building fence, 12' away of the East side of a concrete surface and 51' away of the property fence of the properties located at the South side of Normandy Shores Golf Course.

This sample was analyzed by standard Pesticide Laboratory, FDACS testing procedures. All results were validated against standard QA procedures.

## **Analytical Results**

EPA SAMPLE NUMBER		090507-4105-0104		
Analyte	Result	Analysis Unit	Analyte MDL	Qualifier
Fluazifop-P-butyl	Not detected	ppb	700	—
Fluazifop-P-butyl				
Glyphosate & AMPA in Vegetation by LC/FL		mg/Kg	---	---
Aminomethyl phosphoric acid	Not detected		0.20	N
Glyphosate	16		0.20	FFI
Parquat & Diquat in Veg by LC/PDA		ug/Kg	---	---
Diquat Dibromide	Not detected		200	---
Paraquat Dichloride	Not detected		200	---

## **Comments:**

See attached page for report qualifier definitions if applicable

*P.A. Lucas*  
P.A. Lucas, Division of AES  
Florida Department of Agriculture and  
Consumer Services (850) 488-9375

## Reporting Qualifier Definitions

A	ADL is above level of detection (analysis performed by Food Laboratory).
B	BDL is below level of detection (analysis performed by Food Laboratory).
C	The presence was confirmed by dual column chromatography.
D	Sample analysis could not be performed due to insufficient sample size.
E	Estimated value; analyte concentrations (as analyzed) fall outside the calibration range.
F	Value reported is the mean of two or more determinations.
G	The presence was confirmed by Gas Chromatography/Mass Spectroscopy (GC/MS).
H	Sample analyzed out of hold time.
I	The presence of this analyte was unable to be confirmed by Mass Spectroscopy due to instrument sensitivity limitations.
J	Value is >MDL but <PQL; for information only.
K	Sample not analyzed due to sample matrix interferences.
L	The presence was confirmed by Liquid Chromatography/Mass Spectroscopy (LC/MS).
M	Accurate quantitation was not possible due to matrix interferences.
N	There are indications of the presence of this analyte at below the lowest method standard level.
O	Sample bottle broken in laboratory prior to completion of analysis.
P	Sample prepped out of hold time.
Q	The laboratory was unable to accurately quantitate the amount present in the sample due to the limited amount of sample available.
R	The data are unusable (analyte may or may not be present). Resampling and reanalysis is necessary for verification.
S	The laboratory does not have the appropriate analytical equipment necessary for this analysis.
T	The analysis was from an unpreserved or improperly preserved sample. Sample integrity may be compromised.
V	The laboratory does not have validated methodology for this analysis.
W	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
X	Sample arrived broken upon receipt - unable to analyze.
Y	Analysis was unable to be completed due to method difficulties that exhausted the sample.
Z	Analysis not performed by Pesticide Laboratory.
AA	The analyte was not detected, however some or all of the quality control data for the analyte were outside QA criteria, and the presence or absence of the analyte cannot definitively be determined from the data.
BB	Sample integrity may be compromised; sample received leaking into bag.
CC	Sample custody may be compromised due to chain of custody documentation deficiency.
DD	Sample integrity may be compromised; sample received at temperature above 10 degrees C.
EE	The presence was confirmed by HPLC-PDA Spectra.
FF	The presence was determined by HPLC with Fluorescence detection.
GG	Confirmation Methodology not available.

### Other Lab Report Definitions

MDL	The method detection limit (MDL) is defined as "the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero." 40 CFR part 136 Appendix B
PQL	The practical quantitation limit (PQL) is defined as "the lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy during routine laboratory operating conditions." 50 FR 46906 The PQL = 3 x MDL value.
NA	Not Analyzed - The laboratory did not conduct a test for this analyte.
ND	Not Detected at or above the MDL for sample results reported as a concentration and Not Detected at or above the lowest method standard level for sample results reported as a weight value (i.e. swabs)
NR	Not Reported
ppm	mg/kg, mg/L
ppb	µg/kg, µg/L